

(11) 516912 (22) 30 Jan 2002

(54) Method of forming a composite panel

(51) IPC7:E04C2/04; E04C2/40

(71) E.P. HENRY CORPORATION

(72) Pieter Anthony Vanderwerf; Ivan J Bedica; John Poignard; J.C. Henry III; Jirair Youssefian;

(31) 01 772633 (32) 30 Jan 2001 (33) US

(74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington, New Zealand

(57) The forming of a composite panel with a façade comprising a planar arrangement of thin facers on a body of structural backing material. Provision of a substantially flat casting bed, providing a plurality of facers each having a substantial rectangular configuration with a chamfer along each rear-end wall corner and along at least one rear side wall corner, arranging the plurality of individual facers in abutting relationship atop the casting bed and in a selected geometric pattern in a face-down planar configuration so that the chamfers on the facers open rearwardly and cooperatively define narrow elongated channels at joints between contiguous facers. A sealant is deposited in the channels between facers to prevent the structural backing material from penetrating the joints between facers during casting.

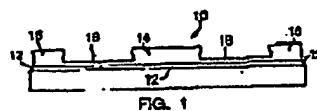


FIG. 1

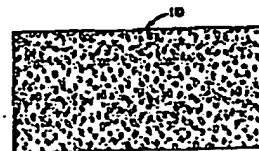


FIG. 2

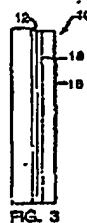


FIG. 3

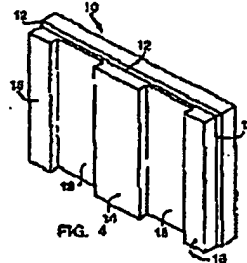


FIG. 4

**Intellectual Property Office of New Zealand**  
**IP Database Extract Report**

Page: 30 of 34  
Date: 28 April 2004  
Time: 09:48:21  
(msripd 3.00.10)

**Patent Details:**

Patent Number (11) 516912  
Current Status Granted and Sealed

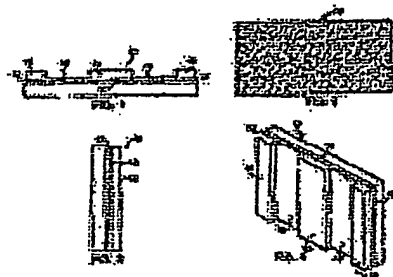
Patent Title (54) Method of forming a composite panel  
Patent type Patent Convention

**Dates**

Filed Date (22) 30-JAN-2002  
Next Renewal 30-JAN-2006

**Images**

**Drawing**



**Complete Specification**

**Class**

Schedule-Class IPC|E04C2/04

Schedule-Class IPC|E04C2/40

**Documents**

Abstract/Abridgement

Document is not stored as text

**Conventions**

Date (320)  
30-JAN-2001

Country (330)  
United States of America

Application Number  
01 772633

**Current Applicants/Licensees**

Applicant: CHAMELEON CAST WALL SYSTEM LLC  
Address (71) 675 Massachusetts Avenue, Cambridge, MA 02139, United States of America

**Contact (74)**

A J PARK  
6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington, New Zealand

**Address for Service**

No address for service on record or public access is restricted

**Inventors (72)**

Pieter Anthony Vanderwerf  
Ivan J Becica  
John Polgnard  
J.C Henry III

**Intellectual Property Office of New Zealand  
IP Database Extract Report**

Page: 31 of 34  
Date: 26 April 2004  
Time: 09:48:21  
(msrpaxt 3.00.10)

Jirair Youssefian

**Applicant/Licensee History**

Applicant: E.P. HENRY CORPORATION  
Address: 201 Park Avenue, Woodbury, New Jersey 08096, United States of America

**Actions**

Action	Completed	Due	Journal	Published
Registered	03-NOV-2003		1493	28-NOV-2003
Multiple Change Ip Own	14-OCT-2003	14-OCT-2003	1492	31-OCT-2003
Published Date	25-JUL-2003	25-JUL-2003		
Application Accepted	11-JUL-2003	11-JUL-2003	1489	25-JUL-2003
Filed	31-JAN-2002	30-JAN-2002	1472	01-MAR-2002

**Related Patents**

From

To

**Objections**

Objection Type: Lodged Date  
No objections on record or public access is restricted

**Financial Interest**

No financial interest on record or public access is restricted

**Renewal Interest**